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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

MAANSAARI (nee: SAVOLA) et al.

Group Art Unit: 2661

Appln. No.: 09/963,688

Examiner: Not Yet Assigned

Filed: September 27, 2001

FOR: CHANGING OF CHANNEL CAPABILITIES

* * * * *

December 20, 2001

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents
Washington, DC 20231

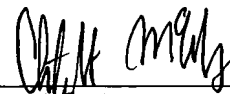
Sir:

Enclosed herewith are PTO-1449 and copies of references cited in a Finnish Office Action, dated November 21, 2001, which issued in a corresponding international application for the Examiner's review.

Consideration of the foregoing and the return of a copy of the PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited.

Respectfully submitted,

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**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: MAANSAARI (nee: SAVOLA) et al.

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U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR	5,638,365	06/1997	DUAULT et al.			
	BR	5,638,412	06/1997	BLAKENEY II et al.			
	CR						
	DR						
	ER						
	FR						
	GR						
	HR						
	IR						
	JR						
	KR						
	LR						
	MR						
	NR						

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name		English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
	OR	WO 01/11910	02/2001	WIPO	MAKELA					
	PR	WO 99/39528	08/1999	WIPO	VIALEN					
	QR	WO 00/51387	08/2000	WIPO	HONKO					
	RR	WO 98/36589	08/1998	WIPO	HIETALAHTI					
	SR									
	TR									
	UR									
	VR									
	WR									
	XR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	YR				
	ZR				
	AAR				
	BBR				

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.